

**PRODUCT DESCRIPTION AND PACKAGING**

**Product Description**

Xstrata Nickel is one of the largest suppliers of electrolytic NICKEL in the world. Through over one hundred years of participation in the industry and the development of NICKEL products to satisfy a wide range of applications, the name Xstrata Nickel has become synonymous with quality, service and dependability.

Xstrata Nickel's quality is the result of research and innovative technology and is reflected in the consistent high purity of its NICKEL products.

Nikkelverk A-Grade Nickel has one of the lowest concentrations of total impurities of any commercially available Nickel.

For melting applications, the products are available as whole cathodes, 50 mm and 100 mm squares. A range of packaging options is available.

Xstrata Nickel service and dependability are well known and firmly established.

Further information and assistance are available upon request and on the webpage [www.xstrata.com](http://www.xstrata.com).



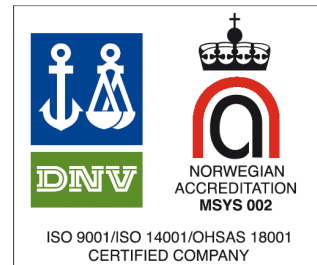
**Typical Analysis**

Nickel _____	> 99.98	%
Carbon _____	< 0.002	%
Cobalt _____	< 0.0002	%
Copper _____	< 0.0001	%
Hydrogen _____	< 0.0003	%
Iron _____	< 0.0005	%
Lead _____	< 0.0001	%
Nitrogen _____	< 0.0002	%
Oxygen _____	< 0.002	%
Silver _____	< 0.0001	%
Sulphur _____	< 0.0002	%
Zinc _____	< 0.0002	%

Nikkelverk NICKEL is guaranteed to meet the chemical requirements of BSI 375 grade R99.95, ISO 6283 grade R9995 und ASTM B39.

Bulk density of 50 mm and 100 mm squares:  
Approx. 4.3 kg/dm<sup>3</sup> and 3.6 kg/dm<sup>3</sup>

*Materials Safety Data Sheet available upon request.*



The Quality Management System for the production of nickel products at Xstrata Nickel's refinery located in Kristiansand, Norway is ISO 9001, ISO 14001 and OHSAS 18001 registered.

## Standard Sizes and Packaging

### 50 mm squares



- 4 x 250 kg steel drums, net weight 1,000 kg, strapped to a skidded wooden pallet.

### 100 mm squares



- 4 x 200 kg steel drums, net weight 800 kg, strapped to a skidded wooden pallet.



- 1,000 kg drum, strapped to a skidded wooden pallet.

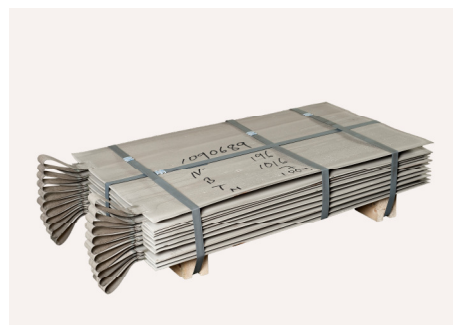


- 1,500 kg wooden box.

### Whole Cathode



- 2,000 kg polypropylene bag ("Big bag"), strapped to a wooden pallet.



- 1,280 x 720 mm whole untrimmed cathode, net weight approx. 1,000 kg, strapped to wooden skids.